

Method for Manufacturing Embroidery Decorated Cards and Envelopes

This invention relates to an economical method for manufacturing
5 cards and envelopes decorated with embroidered fabrics.

1. FIELD OF THE INVENTION

A method for manufacturing cards and envelopes decorated with
10 embroidered fabrics is provided. Various kinds of embroidered fabrics are cut
into certain size and patched behind a paper frame to make, including but not
limited to, a seasonal greeting card, congratulatory card, a business card, an
invitation card, a post card and an envelope.

2. DESCRIPTION OF THE PRIOR ART

United States Patent: 4,439,941 to Halperine illustrates a printed card,
tag and the like with a reusable printed multicolored emblem. A multicolored
embroidered emblem is releasably attached to the face of a sheet printed with
20 a design and provided with a surface with a reduced adhesive bonding. The
multicolored embroidered emblem is constructed of embroidery made of a

single white thread to form a sculptured pattern. The sculptured pattern is created by varying the direction of the stitches of the embroidery thread and the number of thread stitches in various locations of the embroidered emblem.

The multicolored pattern is printed on the face with at least two colors of dye stuff by a sublimation printing process, wherein the dyestuff is transferred in a vapor state under heat and pressure or vacuum. The dyestuff, which forms the printing on the embroidery threads, forms the layer.

United States Patent 5,727,490 to McGaver teaches a method of manufacturing a greeting card. The process consists of folding a first sheet of card stock into a tri-fold configuration having first to third equal portions, cutting a window into the first portion, and bonding the first portion, the second portion, and the sheet of fabric, consecutively. A sheet of embroidery decorated fabric is disposed between the first and second sections of card stock. A sheet of poly- ester polymer web adhesive, having a minimum heat activation temperature of 280 °F and a density 0.3 lbs per gallon, is disposed between the sheet of fabric and the second section of card stock to bond the sheet of fabric to the first and second sections of card stock, by applying heat at a temperature range of 300 to 310 °F. and a pressure range of 240 to 260 lbs per square inch.

Those prior arts have very sophisticated and energy consuming procedures.

SUMMARY OF THE INVENTION

Therefore, it is the purpose of this invention to provide a method for manufacturing cards and envelopes decorated with embroidered fabrics at a reduced cost and energy. Various kinds of drawings are embroidered on a fabric with threads of different colors. Firstly, a paper is cut into the shape of this invention. The first sheet of card stock is folded into four portions. A part of the first portion of the card stock is cut out of various shapes such as heart, square, and star to make a frame. The embroidered fabric is cut into certain size and adhered to the rear side of the frame, on which peel off glue is attached, without applying heat and pressure. Front side of the paper frame is decorated with, including but not limited to, various kinds of the paintings, pictures, phrases and emblems. The card of this invention may be used as, including but not limited to, a season's greeting card, congratulatory card, a business card, an invitatory card, a post card, and envelopes for previously recommended cards.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a front view of the first sheet of card stock of this invention before folding.

5 Fig. 2 is a rear view of the first sheet of card stock of this invention before folding.

Fig. 3 is a schematic configuration of frame layer, peel off glue, embroidery, second portion of the card stock.

Fig. 4 is an outer surface view of the card of this invention after completion.

10 Fig. 5 is an inner surface view of the card of this invention after completion.

Fig. 6 is a front view of the first sheet of postcard stock of this invention prior to folding.

Fig. 7 is a schematic configuration of frame layer, tape, embroidery, second portion of the postcard stock.

Fig. 8-a is a front view (8-a) of the postcard completed.

Fig. 8-b is a rear view (8-b) of the postcard completed.

Fig. 9 is a front view of the first sheet of envelops stock of this invention.

Fig. 10 is a perspective view of the envelope completed.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

sub 3
A first sheet of card stock is cut into a form shown as (11) in Fig. 1.

A window (12) of various shapes is punctured on the first portion of the card

5 stock (14). Peel off glue is adhered on the face of the wings of (13). Three

wings (13) on the first portion of the card stock (14) are folded backward to be

bonded to the rear face of the second portion of the card stock (15). One of the

wings (13) on the fourth portion of the card stock (16) is folded backward and

9 bonded to the third portion of the card stock (17). Lower border lengths of the

10 first three portions are the same. ~~The border length of the forth portion of the~~

~~card (16) is a little bit shorter.~~

Fig. 2 is the rear view of the card stock. Peel off glue having

12 window in the middle (21) is adhered on the rear face surrounding the window

(22) punctured on the first portion of the card stock (23). Embroidery

15 decorated fabric (24), cut into certain size, is positioned after the film

protecting the glue on the place mark (25) is peeled off. The wings (26) on the

first portion of the card stock (23), on which the peel off glues are adhered, are

folded inwards. The peels (27) are removed and the wing is bonded on to the

front face of the second portion of the card stock (28). At the same time, the

20 peel (29) on the wing (291) of the fourth portion of the card stock (292) is

removed and the wing (291) is bonded to the third portion of the card stock

(293).

~~wings (63). Three wings (63) on the first portion of the postcard stock (64) are folded backwards to be bonded to the rear face of the second portion of the postcard stock (65). Lower border lengths of the two portions are the same. Stamp positions (66) and necessary messages are printed on the second part of the postcard stock (65).~~

Fig. 7 is a schematic configuration of frame layer, tape, embroidery, second portion of the postcard stock. The peel off glue having window in the middle (71) is attached at the rear face of the frame layer (72). Embroidery decorated fabric (73) locates on the mark place (74) over which the peel off glue (75) is attached. The first portion of the card stock (76) is folded over the second portion of the card stock (77). Slightly pressing of the folded postcard stock with hand result in a desired postcard.

Fig. 8 is a front view (8-a) and rear view (8-b) of the postcard completed.

Fig. 9 is a front view of the first sheet of envelops stock of this invention. Small window (91) is punched at the corner of the first part of the envelope stock (92). The peel off glues (93) are adhered on the two wings (94), which are located on the apposite site of the first stock of the first part of the envelope stock (92). The wing (95) in the middle has no glue on it. Embroidery decorated fabric (96) is attached behind the window (91) by the peel off glue (97) adhered on the rear side of the window (91).

Fig. 10 is a perspective view of the envelope completed.